

**DELAWARE DEPARTMENT OF
TRANSPORTATION**

ADVERTISEMENT FOR BIDS

Sealed proposals for the following contract will be received in the Bidders Room at the Delaware Department of Transportation Administration Building, 800 Bay Road, Dover, Delaware 19901. The Administration Building is located on Route 113 in the Danner Campus, directly across from the Blue Hen Corporate Center.

Bids will be received until **2:00 P.M. Local Time, October 13, 2015** and thereafter be publicly opened:

Contract No. T200911308.01
Federal Aid Project No. NH-2015(24)
US 301, SR 896 TO US 1
New Castle County
DBE GOAL: 7%
TRAINEES: 3

Completion time: 1,230 Calendar Days

PROSPECTIVE BIDDERS NOTES CONTAIN INFORMATION REGARDING:

1. PREQUALIFICATION.
2. DESIGN FILE AVAILABLE.
3. FUEL COST OPTION.
4. BREAKOUT SHEETS.
5. ALTERNATE BID ITEMS.
6. OJT TRAINEE PROGRAMS.
7. APPENDIX A, APPENDIX B.
8. PROTECTION OF THE THREATENED NORTHERN LONG-EARED BAT.
9. BIDDERS MUST BE REGISTERED with DeIDOT.
10. BONDS.
11. QUESTIONS regarding this project are to be e-mailed to dot-project@state.de.us.

Refer to the full Invitation to Bid for details.

Plans, Specifications, and Bidding Proposals may be obtained from:

www.dot-project@state.de.us
Contract Administration
Delaware Department of Transportation
P.O. Box 778
Dover, DE 19903
(302) 760-2030

Bid items for this contract include the following;

1.00	LS	CLEARING AND GRUBBING
1,618,102.00	CY	EXCAVATION AND EMBANKMENT
36.00	EACH	SETTLEMENT PLATFORM
3.00	LS	WETLAND ACCESS ROAD, TYPE II
23,418.00	SY	COMPACTING INSITU MATERIAL

22.00	EACH	SETTLEMENT MONUMENT
165,680.00	SY	SUBSOIL TILLAGE
1,031.00	CY	CHANNEL EXCAVATION
15,031.00	CY	EXCAVATION AND BACKFILL FOR STRUCTURES
1.00	LS	SHEETING AND SHORING
18,423.00	CY	EXCAVATION AND BACKFILLING FOR PIPE TRE
100.00	CY	FLOWABLE FILL
30,847.00	CY	BORROW, TYPE B
1,917.00	CY	LIGHT WEIGHT AGGREGATE
659.00	CY	STREAM RESTORATION BORROW
199.00	CY	STREAM RESTORATION BORROW MIX
1.00	LS	REMOVAL OF STRUCTURES & OBSTRUCTIONS
3.00	EACH	ABANDONMENT OF WELLS
10,174.00	CY	GRADED AGGREGATE BASE COURSE, TYPE B
2,605.00	TON	DELAWARE NO. 3 STONE
2,062.00	TON	DELAWARE NO. 57 STONE
156,932.00	SY	PERMEABLE TREATED BASE, 4"
150,893.00	SY	SOIL CEMENT BASE COURSE, 6"
3,222.00	TON	PORTLAND CEMENT
4,721.00	TON	BIT CONC, SP, TY C, 160 GYRA, PG 64-22 (
6,103.00	TON	BIT CONC, SP, TY B, 160 GYRA, PG 64-22
7,866.00	TON	BIT CONC, SP, BCBC, 160 GYRA, PG 64-22
995.00	SY	PORTLAND CEMENT CONCRETE PAVEMENT, 8"
156,932.00	SY	PORTLAND CEMENT CONCRETE PAVEMENT, 12"
1.00	LS	MAINTENANCE OF STREAM FLOW
283.00	CY	PORT CEMENT CONCRETE MASONRY, CLASS A
458.00	CY	PORT CEMENT CONCRETE MASONRY, CLASS B
458.00	CY	PCC MASONRY, ABUTMENT FOOTING, CLASS A
923.00	CY	PCC MASONRY, ABUTMENT FOOTING, CLASS B
580.00	CY	PCC MASONRY, PIER FOOTING, CLASS B
540.00	CY	PCC MASONRY, PIER ABOVE FOOTING, CLASS A
2,670.00	CY	P.C.C. MASONRY, SUPERSTRUCTURE CLASS D
1,064.00	CY	P.C.C. MASONRY APPROACH SLAB, CLASS D
371.00	CY	PCC MASONRY, ABUT ABOVE FOOTING, CLASS A
591.00	CY	P.C.C. MASONRY, PARAPET, CLASS A
222.00	CY	P.C.C. MASONRY, CLASS D
48.00	CY	PCC MASONRY, SUPERSTRUCTURE, CLASS A
80.00	CY	CONCRETE ENCASEMENT
1,563.00	LF	PRECAST CONCRETE CULVERT
1.00	LS	PRECAST P.C.C. ARCH
6.00	LS	MECHANICALLY STABILIZED EARTH WALLS
167.00	LF	PERM CASING FOR PRESTRESSED CONC PILE, 2
248,666.00	LB	BAR REINFORCEMENT
1,220,965.00	LB	BAR REINFORCEMENT, EPOXY COATED
2,698,770.00	LB	STEEL STRUCTURES
1.00	LS	CANTILEVER SIGN SUPPORTS & FOUNDATION
1.00	LS	GRND MOUNT BREAKAWAY SIGN SUPPRT & FND

87.00	LF	PREFABRICATED EXPANSION JOINT SYSTEM, 3"
497.00	LF	PREFABRICATED EXPANSION JOINT SYSTEM, 4"
20.00	EACH	ELASTOMERIC BRIDGE BEARING PAD
34.00	EACH	TFE-STAINLESS STEEL STRUCTURAL BEARINGS
835.00	TON	COARSE AGGR FOR FND STAB & SUBFND BCKFL
7,267.00	LF	REINFORCED CONCRETE PIPE, 15", CLASS IV
6,254.00	LF	REINFORCED CONCRETE PIPE, 18", CLASS IV
1,851.00	LF	REINFORCED CONCRETE PIPE, 24", CLASS IV
2,735.00	LF	REINFORCED CONCRETE PIPE, 30", CLASS IV
1,682.00	LF	REINFORCED CONCRETE ELLIPTICAL PIPE, 27"
15.00	LF	REINFORCED CONCRETE ELLIPTICAL PIPE, 14"
952.00	LF	REINFORCED CONCRETE ELLIPTICAL PIPE, 24"
250.00	LF	CORRUGATED POLYETHYLENE PIPE, TYPE S, 24"
1,040.00	LF	CORRUGATED POLYETHYLENE PIPE, TYPE S, 48"
1.00	EACH	ANTI-SEEP COLLAR
1.00	LS	ARTESIAN WATER MAIN AND ACCESSORIES
204.00	LF	STEEL CASING PIPE, 60"
320.00	LF	INSTALL STEEL CASING PIPE, 12"
7.00	EACH	R.C. FLARED END SECTION, 15"
54.00	EACH	R.C. FLARED END SECTION, 18"
16.00	EACH	R.C. FLARED END SECTION, 24"
4.00	EACH	R.C. FLARED END SECTION, 30"
1.00	EACH	R.C. FLARED END SECTION, 14"X23"
14.00	EACH	R.C. FLARED END SECTION, 27"X42"
6.00	EACH	R.C. FLARED END SECTION, 24"X38"
8.00	EACH	HEADWALL
13,484.00	LF	STEEL H PILES, HP 14 X 73
2,542.00	LF	STEEL H TEST PILES, HP 14 X 73
10,798.00	LF	FURNISH PRECAST PRESTRESSED CONCRETE PIL
2,040.00	LF	FURNISH PRECAST PRESTRESSED CONCRETE TES
13,484.00	LF	INSTALL STEEL H PILES, HP 14 X 73
2,542.00	LF	INSTALL STEEL H TEST PILES, HP 14 X 73
10,798.00	LF	INSTALL PRECAST PRESTRESSED CONCRETE PIL
2,040.00	LF	INSTALL PRECAST PRESTRESSED CONCRETE TES
24.00	EACH	PRODUCTION PILE RESTRIKE
6.00	EADY	TEST PILE RESTRIKE
74.00	EACH	DYNAMIC PILE TESTING BY CONTRACTOR
74.00	EACH	SIGNAL MATCHING ANALYSIS BY CONTRACTOR
2.00	LS	PRESTRESS REIN CONC MEMBERS, BULB T BEAM
1,141.00	LF	PORTLAND CEMENT CONCRETE CURB, TYPE 1-8
160.00	LF	PORTLAND CEMENT CONCRETE CURB, TYPE 1-4
692.00	LF	PORTLAND CEMENT CONCRETE CURB, TYPE 1-2
3,530.00	LF	IPCC CURB & GUTTER, TYPE 1-4
3,494.00	LF	IPCC CURB & GUTTER, TYPE 3-8
627.00	LF	PORTLAND CEMENT CONCRETE CURB, TYPE2 MOD
1,671.00	SF	P.C.C. SIDEWALK, 4"
151.00	SF	SIDEWALK SURFACE DETECTABLE WARNING SYST

95.00	EACH	UNDERDRAIN OUTLET
37.00	EACH	DRAINAGE INLET, 34" X 18"
19.00	EACH	DRAINAGE INLET, 34" X 24"
43.00	EACH	DRAINAGE INLET, 48" X 30"
6.00	EACH	DRAINAGE INLET, 48" X 48"
9.00	EACH	MANHOLE, 48" X 30"
1.00	EACH	MANHOLE, 48" X 48"
1.00	EACH	MANHOLE, 66" X 30"
17.00	EACH	PERSONNEL GRATE FOR PIPE INLET
1.00	LS	ELECTRIC DUCTBANK AND MANHOLE SYSTEM
1.00	LS	TELEPHONE DUCTBANK AND MANHOLE SYSTEM
5.00	EACH	INST. SAN SEWER MANHOLES, 72" DIA (0-6'
79.00	LF	INST SAN SEWER MANHOLES, 72" DIA (ADD DE
1.00	EACH	INST SAN SEW MANHOLES, 96" DIA (0-6' DEE
23.00	LF	INST SAN SEWER MANHOLES, 96" DIA (ADD DE
1.00	EACH	ADJUST & REPAIR EXIST. SANITARY MANHOLE
993.00	SY	RIPRAP, R-4
2,213.00	SY	RIPRAP, R-5
3,115.00	TON	RIPRAP, R-4
3,934.00	TON	RIPRAP, R-5
151.00	CY	CHANNEL BED FILL
120.00	CY	RIFFLE GRADE CONTROL MATERIAL
45,325.00	SY	GEOTEXTILES, STABILIZATION
22,725.00	SY	GEOTEXTILES, SEPARATION
7,325.00	SY	GEOTEXTILES, RIPRAP
52,900.00	LF	PERFORATED PIPE UNDERDRAINS, 6"
4,492.00	LF	UNDERDRAIN OUTLET PIPE, 6"
3.00	EACH	CONVERTING EXISTING CATCH BASIN TO JUNCT
13,566.00	LF	GALVANIZED STEEL BEAM GUARDRAIL, TY 1-31
291.00	LF	GALVANIZED STEEL BEAM GUARDRAIL, TY 3-31
261.00	LF	CURVED GUARDRAIL SECTION
41.00	EACH	REFLECTORS WHITE, CONCRETE
17.00	EACH	REFLECTORS YELLOW, CONCRETE
10.00	EACH	BOLLARD
575.00	EACH	POST MOUNTED DELINEATORS
16.00	EACH	GUARDRAIL END TREATMENT ATTEN., TY 1-31
10.00	EACH	GUARDRAIL END TREATMENT ATTEN., TY 2-31
2.00	EACH	GUARDRAIL END TREATMENT ATTEN., TY 3-31
223.00	LF	CONCRETE SINGLE FACE BARRIER, TYPE I
10.00	EACH	GUARDRAIL TO BARRIER CONN. (EXIT TY 31)
23.00	EACH	G/R TO BARR. CONN., APPROACH TY 1-31
21.00	EACH	END ANCHORAGE 31
27,462.00	LF	RIGHT-OF-WAY FENCE
6.00	EACH	RIGHT-OF-WAY FENCE GATE
288.00	LF	CHAIN-LINK FENCE, 5' HIGH
4.00	EACH	VEHICULAR GATES
761.00	LF	CONSTRUCTION SAFETY FENCE

1,018.00	LF	BRIDGE SAFETY FENCE
7,900.00	LF	WILDLIFE EXCLUSION FENCE
10,395.00	LF	RESOURCE PROTECTION FENCE
50.00	ACRE	HERBICIDE APPLICATION, NOXIOUS WEEDS
1.00	LS	PLANTINGS
1,006.00	EACH	LIVE STEM STAKING
1.00	LS	MAINTENANCE OF TRAFFIC
180.00	EADY	ARROWPANELS, TYPE C
163.00	EADY	FURN & MAINT PORT CHANGEABLE MESSAGE SIG
89,300.00	EADY	PLASTIC DRUMS
2,800.00	HOURL	TRAFFIC OFFICERS
16.00	EACH	REFLECTOR PANELS
450.00	EADY	FURNISH & MAIN. TMA, TYPE II
1,277.00	LF	FURN AND MAIN PORT PCC SAFETY BARRIER
272,916.00	LFDY	TEMPORARY BARRICADES, TYPE III
129,687.00	EADY	TEMPORARY WARNING SIGNS AND PLAQUES
20.00	EACH	INSTALL TEMPORARY IMPACT ATTENUATOR
20.00	EACH	FURN TEMP IMPACT ATTEN NON-GATING, REDIR
20.00	EACH	RELOCATE TEMPORARY IMPACT ATTENUATOR
2,400.00	HOURL	ATSSA CERTIFIED TRAFFIC CONTROL SUPERVIS
21,280.00	HOURL	FLAGGER, NEW CASTLE COUNTY, FEDERAL
2,128.00	HOURL	FLAGGER, NEW CASTLE COUNTY, FEDERAL, OVE
15.00	EACH	CONDUIT JUNCTION WELL, TYPE 7, PRECAST
60.00	EACH	CONDUIT JUNCTION WELL, TYPE 11, PRECAST
45.00	EACH	CONDUIT JUNCTION WELL, TYPE 14, PRECAST
1.00	EACH	ADJUST OR REPAIR EXISTING CONDUIT JUNCTI
2,020.00	LF	FURNISH & INSTALL UP TO 4" SCHEDULE 80 H
36,300.00	LF	FURNISH & INSTALL UP TO 4" SCHEDULE 80 P
275.00	LF	FURNISH & INSTALL UP TO 4" GALVANIZED ST
130.00	LF	FURNISH & INSTALL UP TO 4" GALVANIZED ST
1.00	EACH	RELOCATING LIGHT POLE
22.00	EACH	ALUM. LIGHT STD. W/SINGLE DAVIT ARM, 30'
29.00	EACH	ALUM. LIGHT STD. W/SINGLE DAVIT ARM, 40'
53.00	EACH	FURNISH & INSTALL GROUND ROD
250.00	CF	POLE BASE EXTENSION
2.00	EACH	POLE BASE, TYPE 3
4.00	EACH	POLE BASE, TYPE 4A
9.00	EACH	POLE BASE, TYPE 6
5,000.00	LF	INSULATED GROUND CABLES, 1/350 KCMIL
1.00	EACH	LIGHTING CONTROL AND DISTRIBUTION ENCLOS
49.00	EACH	LIGHTING STANDARD POLE BASE
1,425.00	LF	FURNISH & INSTALL 1-CONDUCTOR #2 AWG COP
61,000.00	LF	FURNISH & INSTALL 1-CONDUCTOR #6 AWG
450.00	LF	FURNISH & INSTALL #4/0 AWG STRANDED COPP
1.00	LS	FURN AND INST ELECTRICAL UTIL SERV EQUI
4.00	EACH	CABINET BASE, TYPE P
1.00	EACH	CABINET BASE, TYPE R

695.00	SF	PERM PAVT STRIP SYM/LEG ALKYD THERMOPLAS
875.00	EACH	RAISED/RECESSED PAVEMENT MARKER
250.00	LF	RETROREFLEC PREFORMED PATTERNED, 12"
1,700.00	SF	REMOVAL OF PAVEMENT STRIPING
121,900.00	LF	PERM PAVT STRIPING, EPOXY, 5"
2,725.00	LF	PERM PAVT STRIPING, EPOXY, 10"
1.00	EACH	PREFORMED RETROREFLECTIVE THERMO PVMT MA
44,350.00	LF	PERM PVMT STRIPING, EPOXY RESIN PAINT, B
150.00	LF	RETROREF PREFORM PATT MARKINGS, 10"
9,150.00	LF	RETROREF PREFORM PATT MARKINGS, 8"
750.00	LF	RETROREF PREFORM PATT MARKINGS, 13"
1,300.00	SF	SIGN PANEL
125.00	SF	SUPP OF FLAT SHEET ALUMIN SGN PNL TY IX
183.00	EACH	INSTALLATION OR REMOVAL OF TRAFFIC SIGN
10.00	EACH	INSTALLATION OF 4" DIA HOLE, LESS THAN O
1,207.00	SF	INSTALLATION OR REMOVAL OF TRAFFIC SIGNS
50.00	LF	INSTALLING SANITARY SEWER, PVC, 15"
990.00	LF	INSTALLING SANITARY SEWER PVC, 24"
249.00	SY	REMOVAL EXIST. PCC PAV'T CURB SIDEWALK
42.00	EAMO	FIELD OFFICE, TYPE II.22 SPECIAL COMPLEX
2,819.00	LF	RUMBLE STRIPS, CONCRETE, SHALLOW DEPTH
69,419.00	LF	RUMBLE STRIPS, CONCRETE
3,821.00	SYIN	PROFILE MILLING, BITUMINOUS CONCRETE
1,127.00	LF	SAW CUTTING, BITUMINOUS CONCRETE
148.00	LF	SAW CUTTING, CONCRETE (FULL DEPTH)
1.00	LS	INITIAL EXPENSE
1.00	LS	CONSTRUCTION ENGINEERING
3,000.00	HOUE	TRAINEE
1.00	LS	PROJECT CONTROL SYSTEM DEVELOPMENT PLN
40.00	EAMO	CPM SCHEDULE UPDATES AND/OR REVISIONS
1.00	LS	ELECTRICAL SERVICE
1.00	LS	ELECTRICAL WORK, TOLL PLAZA
1.00	LS	MECHANICAL WORK, TOLL PLAZA
1.00	LS	EMERGENCY GENERATOR
400.00	HOUE	UTILITY CONSTRUCTION ENGINEERING
1.00	LS	ARCHITECTURAL WORK, TOLL PLAZA
1.00	LS	PLUMBING SYSTEM
1.00	LS	STRUCTURAL WORK, GANTRY
1.00	LS	ENVIRONMENTAL PERFORMANCE INCENTIVE (DIS
1.00	LS	BORROW AREA EROSION AND SEDIMENT CONTROL
30,950.00	LF	SILT FENCE
12,400.00	LF	REINFORCED SILT FENCE
4,050.00	CY	SEDIMENT TRAP
115.00	EACH	INLET SEDIMENT CONTROL, DRAINAGE INLET
115.00	EACH	DEWATERING BAG
30.00	EACH	SUMP PIT
14.00	EACH	SKIMMER DEWATERING DEVICE

490.00	TON	STONE CHECK DAM
480.00	LF	TEMPORARY SLOPE DRAIN, 18"
2,040.00	LF	TEMPORARY SLOPE DRAIN, 24"
2,100.00	LF	TEMPORARY SWALE, TYPE A-1
9,100.00	LF	PERIMETER DIKE/SWALE, TYPE A-1
1,850.00	LF	PERIMETER DIKE/SWALE, TYPE A-2
13,647.00	LF	EARTH DIKE, TYPE A-1
8,952.00	LF	EARTH DIKE, TYPE A-2
2,130.00	LF	EARTH DIKE, TYPE B-2
3,787.00	SY	TOPSOIL, 6" DEPTH
3,970.00	SY	TOPSOILING, 4" DEPTH
797,797.00	SY	TOPSOILING, 6" DEPTH
793,937.00	SY	PERMANENT GRASS SEEDING, DRY GROUND
25,050.00	SY	PERMANENT GRASS SEEDING, WET GROUND
913,000.00	SY	TEMPORARY GRASS SEEDING
1,528.00	SY	STREAMBANK SEED MIX, SEEDING
104,486.00	SY	EROSION CONTROL BLANKET MULCH
900.00	TON	STABILIZED CONSTRUCTION ENTRANCE
199,205.00	SY	NATIVE GRASS SEEDING, NO MOW MIX
7,419.00	SY	RIPARIAN SEED MIX, STREAM RESTORATION
1,006.00	SF	FABRIC ENCAPSULATED SOIL LIFT
165.00	CF	SANDBAG DIKE
1,000.00	CF	SANDBAG DIVERSION
310.00	CY	CLAY BORROW, CUT-OFF TRENCH
260.00	CY	CLAY BORROW, POND LINER
1.00	LS	OUTLET STRUCTURE
635.00	LF	INFILTRATION TRENCH

NOTE: UNOFFICIAL Plans, Specifications; and Official Questions and Answers may be viewed on the Web at <http://bids.delaware.gov>.

The Department of Transportation hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, creed, color, sex, or national origin in consideration for an award.

When it is in the best interest of the State, DelDOT may extend the time and place for the opening of bids from that described above, on not less than two calendar days' notice by certified delivery, facsimile transmission, or by other verifiable electronic means to those bidders who obtained copies of the Plans, Specifications, and Proposals, or contract descriptions.

Department of Transportation
State of Delaware
By: Jennifer Cohan, Secretary
Dover, Delaware
August 31, 2015